

Thomas L. Delworth  
[www.gfdl.noaa.gov/~td](http://www.gfdl.noaa.gov/~td)

## **EDUCATION**

1994	<b>Ph.D. Atmospheric Science, University of Wisconsin</b> Dissertation: Soil Wetness and Climate Variability	<b>Madison, WI</b>
1983	<b>M.S. Meteorology, University of Wisconsin</b>	<b>Madison, WI</b>
1979	<b>B.A. Integrated Science, Northwestern University</b>	<b>Evanston, IL</b>

## **EMPLOYMENT**

	<b>Geophysical Fluid Dynamics Laboratory/NOAA</b>	<b>Princeton, NJ</b>
2001-present	<b>Group Leader, <u>Climate Change, Variability and Prediction Group</u></b> <i>For information on this Research Group, please see:</i> <i><a href="http://www.gfdl.noaa.gov/climate-change-variability-and-prediction">http://www.gfdl.noaa.gov/climate-change-variability-and-prediction</a></i>	
1984- 2001	Research Meteorologist, Climate Dynamics Group	

## **RESEARCH INTERESTS**

- Climate variability and change on decadal to centennial time scales, with emphasis on
  - the role of the oceans in climate
  - changes in continental hydrology, including extreme events
  - large-scale modes of climate variability; mechanisms and potential changes
- The use of global coupled ocean-atmosphere models for the study of climate variability and change
- Interactions between forced climate change and internal variability

## **HONORS & AWARDS**

2008	<b>NOAA Administrators Award</b>
2005	<b>Silver Medal, Department of Commerce</b>
1996, 2003	<b>Outstanding Scientific Paper Award, NOAA</b>
1980-1983	<b>National Science Foundation, Graduate Fellowship</b>
1979	<b>Phi Beta Kappa Honorary Society</b>

## **PUBLICATIONS**

Over 75 refereed publications. For a complete list please see  
<http://www.gfdl.noaa.gov/bibliography/resultstest.php?author=1019>

## **ADDITIONAL ACTIVITIES**

2011-present	<b>NRC study committee on "A National Strategy for Advancing Climate Modeling"</b>
2009-present	<b>U.S. CLIVAR Working Group on Decadal Prediction</b>
2007-2009	<b>U.S. AMOC Science Planning Team</b>
2007	<b>Program Manager, NOAA Climate Predictions and Projections</b>
2006-2009	<b>U.S. CLIVAR Working Group on Drought</b>
2005-2008	<b>U.S. CLIVAR Prediction, Predictability, and Application Interface Panel</b>

<b>2004-2005</b>	<b>U.S. CLIVAR Scientific Steering Committee</b>
<b>2003-2004</b>	<b>Co-Leader, GFDL Coupled Model Development Team</b>
<b>2001-2004</b>	<b>NSF Arctic System Science Program - OAI, Scientific Steering Committee</b>
<b>2000-2006</b>	<b>Joint Scientific Council/CLIVAR Working Group on Coupled Modeling</b>
<b>2000-2003</b>	<b>SEARCH Science Steering Committee (Interagency Arctic Program)</b>
<b>1999-2003</b>	<b>International CLIVAR Atlantic Implementation Panel</b>
<b>1995-2005</b>	<b>NSF Climate System Laboratory Computing Allocation Panel</b>
<b>1995, 2001, 2007</b>	<b>Intergovernmental Panel on Climate Change, Contributing Author</b>
<b>1995-1997</b>	<b>NOAA's Atlantic Climate Change Program, Scientific Working Group</b>
<b>1995-1996</b>	<b>Atlantic Climate and Circulation Experiment, Scientific Planning Committee</b>

#### **AFFILIATIONS**

American Meteorological Society  
American Geophysical Union